



Howard Fink, MD, MPH.

- **Staff Physician**, GRECC, Minneapolis VA Health Care System, Minneapolis, MN
- **Staff Physician**, General Internal Medicine, Minneapolis VA Health Care System, Minneapolis, MN
- **Associate Professor**, Department of Medicine, University of Minnesota, Minneapolis, MN
- **Adjunct Associate Professor**, Division of Epidemiology, School of Public Health, University of Minnesota, Minneapolis, MN

Research Interests:

My research interests include the education, exercise and chiropractic for treatment of chronic back pain; osteoporotic fractures in men; screening for and management of chronic kidney disease and medical management of urinary stone disease.

Research Support:

Title: **Medical management of urinary stone disease**

Funding: \$500,000 (Funded by Agency for Healthcare Research & Quality [AHRQ], 8/9/10-2/17/12)

Description: Systematic review and meta-analysis of trials regarding the benefits and harms of dietary and pharmacological interventions for secondary prevention of nephrolithiasis.

Role: Principal Investigator 15%

Title: **Testosterone Trial, U01 AG030644 (subcontract to U Penn)**

Funding: \$2,284,528 (Funded by National Institute on Aging [NIA], 2/1/09-1/31/15)

Description: Randomized trial of testosterone treatment in older men with hypogonadism.

Role: Co-investigator 7% (Kristine Ensrud, PI)

Title: **Osteoporotic Fractures in Men (MrOS), 2 U01 AR045614-08A1**

Funding: \$2,264,956 (Funded by National Institute of Arthritis and Musculoskeletal and Skin Diseases [NIAMS], 8/1/06-7/31/12)

Description: Prospective cohort study of risk factors for fractures in elderly men.

Role: Co-investigator 10% (Kristine Ensrud, PI)

Title: **Screening for and management of chronic kidney disease stages 1-3**

Funding: \$550,000 (Funded by Agency for Healthcare Research & Quality [AHRQ], 9/1/09-6/30/11)

Description: Systematic review and meta-analysis of controlled clinical trials and cohort studies regarding the benefits and harms of screening, monitoring and treatment for chronic kidney disease stages 1-3.

Role: Principal Investigator 15%

Recent Publications:

Lee JS, Buzkova P, **Fink HA**, Vu J, Carbone L, Chen Z, Cauley J, Cappola AR, Robbins J. Subclinical thyroid dysfunction and incident hip fracture in older adults: The Cardiovascular Health Study. *Arch Intern Med* 2010; 170:1876-83. PMID: 21098345

Denard PJ, Holton KF, Miller J, **Fink HA**, Kado DM, Yoo JU, Marshall LM. Back pain, neurogenic symptoms and physical limitations in relation to spondylolisthesis among elderly men. *Spine J* 2010; 10:865-73.

Edwards BJ, Song J, Dunlop D, **Fink HA**, Cauley JA. Functional decline after incident wrist fractures: The Study of Osteoporotic Fractures. *BMJ* 2010 Jul 8;341:c3324. doi: 10.1136/bmj.c3324. PMID: 20616099

Cauley JA, Ewing SK, Taylor BC, **Fink HA**, Ensrud KE, Bauer DC, Barrett-Connor E, Marshall L, Orwoll ES, for the Osteoporotic Fractures in Men (MrOS) Research Group. Sex steroid hormones in older men: longitudinal associations with 4.5-year change in hip bone mineral density--The Osteoporotic Fractures in Men Study. *J Clin Endocrinol Metab* 2010;95:4314-23. PMID: 20554716.

Dam TT, Harrison S, **Fink HA**, Ramsdell J, Barrett-Connor E, for the Osteoporotic Fractures in Men (MrOS) Research Group. Bone mineral density and fractures in older men with chronic obstructive pulmonary disease or asthma. *Osteoporos Int* 2010;21:1341-9. PMID: 19816753.

Denard PJ, Holton KF, Miller J, **Fink HA**, Kado DM, Yoo JU, Marshall LM. Lumbar spondylolisthesis among elderly men: prevalence, correlates and progression. *Spine* 2010;35:1072-8. PMID: 20393398.

Slinin Y, Paudel ML, Taylor BC, **Fink HA**, Ishani A, Canales MT, Yaffe K, Barrett-Connor E, Orwoll ES, Shikany JM, LeBlanc ES, Cauley JA, Ensrud KE, for the Osteoporotic Fractures in Men (MrOS) Study Research Group. 25-hydroxyvitamin D levels and cognitive performance and decline in elderly men. *Neurology* 2010;74:33-41. PMID: 19940271.

Carbone L, Buzkova P, **Fink HA**, Lee JS, Chen Z, Ahmed A, Parashar S, Robbins JR. Hip fractures and heart failure: findings from the Cardiovascular Health Study. *Eur Heart J* 2010; 31:77-84. PMID: 19892715.

LeBlanc ES, Wang PY, Janowsky JS, Neiss MB, **Fink HA**, Yaffe K, Marshall LM, Lapidus JA, Stefanick ML, Orwoll ES; for the Osteoporotic Fractures in Men (MrOS) Research Group. Association between sex steroids and cognition in elderly men. *Clin Endocrinol* 2010;72:393-403. PMID: 19744108.

Fink HA, Akornor JW, Garimella PS, MacDonald R, Cutting A, Rutks IR, Monga M, Wilt TJ. Diet, fluid, or supplements for secondary prevention of nephrolithiasis: a systematic review and meta-analysis of randomized trials. *Eur Urol* 2009;56:72-80. PMID: 19321253.

Tsertsvadze A, **Fink HA**, Yazdi F, MacDonald R, Bella AJ, Ansari MT, Garritty C, Soares-Weiser K, Daniel R, Sampson M, Fox S, Moher D, Wilt TJ. Oral phosphodiesterase-5 inhibitors and hormonal treatments for erectile dysfunction: a systematic review and meta-analysis. Ann Intern Med 2009;151:650-61. PMID: 19843531.

Tacklind J, **Fink HA**, MacDonald R, Rutks I, Wilt TJ. Finasteride for benign prostatic hyperplasia. Cochrane Database of Systematic Reviews 2009, Issue 3. Art. No.: CD006015. DOI:10.1002/14651858.CD006015.pub2.

Education and Training:

- **BS, Biological Sciences** – Stanford University, 1989
- **MD** – University of Minnesota, Minneapolis, MN, 1994
- **MPH, Epidemiology** – University of Minnesota, Minneapolis, MN, 1999
- **Internship, Internal Medicine** – University of Washington, Seattle, WA, 1994-95
- **Residency, Internal Medicine** – University of Minnesota, Minneapolis, MN, 1995-97
- **Fellowship, General Internal Medicine** – University of Minnesota and Minneapolis VA Medical Center, Minneapolis, MN, 1997-99.

Certification and Licensure:

- Diplomate, National Board of Medical Examiners, 1994
- American Board of Internal Medicine; Certification, 1997, Recertification, 2007
- Minnesota Board of Medical Practice, 1997-present
- BLS/ACLS

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